04-02-02 Express Mail No. EU016348867US

Attorney Docket No.: AM-6180

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PPLICATION OF: Edwin Charles Weldon et al.

SERIAL NO.: 10/027,683

FILED: December 21, 2001

FOR: METHODS OF ROUGHENING

A CERAMIC SURFACE

§ GROUP ART UNIT: Unknown

§ EXAMINER: Unknown

§ Attorney Docket No.:

AM-6180

Date: March 28, 2002

### INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Hon. Commissioner for Patents Washington, DC 20231

Sir:

Applicants are submitting the subject Information Disclosure Statement under 37 CFR § 1.97(b)(3). This Information Disclosure Statement is being submitted prior to the receipt of a first Office Action in the subject application.

### CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

I hereby certify that this paper is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as U.S. EXPRESS MAIL NO. EU016348867US in an envelope addressed to the: Commissioner for Patents, Box DD, Washington, DC 20231.

Date: March 28, 2002

Shirley L. Church, Reg. No. 31,858

Applicants do not believe that any fee is due in connection with the filing of this Information Disclosure Statement under 37 CFR § 1.97(b)(3). However, in the event that any additional fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 50-1512 of Shirley L. Church, Sunnyvale, California, in the amount of such fee.

This transmittal letter is submitted in duplicate for accounting purposes.

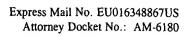
Respectfully submitted,

Shirley L. Church
Shirley L. Church

Registration No. 31,858

Attorney for Applicants

Correspondence Address: Patent Counsel Applied Materials, Inc. P.O. Box 450-A Santa Clara, California 95052





N THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Edwin Charles Weldon et al.

GROUP ART UNIT: Unknown

SERIAL NO.: 10/027,683

EXAMINER: Unknown

FILED:

December 21, 2001

TITLE:

METHODS OF ROUGHENING

A CERAMIC SURFACE

Attorney Docket No.:

AM-6180

Date: March 28, 2002

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR \$1.97(b)(3)

Hon. Commissioner of Patents and Trademarks Washington, DC 20231

Sir:

In accordance with 37 CFR § 1.97(b)(3), applicants hereby request consideration of this Information Disclosure Statement. Applicants are providing herewith copies of the items listed on the attached U.S. Patent and Trademark Office form PTO-1449 equivalent. This Information Disclosure Statement is being submitted prior to the receipt of a first Office Action in the subject application.

#### CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

I hereby certify that this paper is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as U.S. Express Mail No. EU016348867US in an envelope addressed to the: Commissioner for Patents, Box DD, Washington, DC 20231 on March 28, 2002.

Shirley L. Church, Esq., Reg. No. 31,858

Express Mail No. EU016348867US Attorney Docket No.: AM-6180

The submission of this Information Disclosure Statement and Form PTO-1449 is not an

admission that the art cited is "prior art" with respect to the present invention, nor is it a

representation that no better art exists. Applicants hereby reserve the right to swear behind or

otherwise disprove any alleged "prior" nature of any art cited should the facts support and the

situation warrant such an action.

Respectfully Submitted,

Shirley L. Church, Esq.
Registration No. 31,858

Attorney for Applicant

(408) 245-5109

Correspondence Address: Patent Counsel Applied Materials, Inc. P.O. Box 450 A Santa Clara, CA 95052 Gase type a plus sign (s) inside this box +

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Experwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Complete if Known

Application Number 10/027,683

Filing Date December 21, 2001

First Named Inventor Edwin Charles Weldon et al.

Group Art Unit

Examiner Name

Attorney Docket Number AM-6180

(use as many sheets as necessary)

Sheet

**U.S. PATENT DOCUMENTS** U.S. Patent Document Name of Patentee or Applicant of Cited Document Date of Publication of Pages, Columns, Lines, Where Relevant Examiner Initials \* Cite No.1 Passages or Relevant Figures Appear Number MM-DD-YYYY (if known) 4,822,633 Inoue 04-18-1989 5,558,789 Singh 09-24-1996 5,703,341 Lowndes et al. 12-30-1997

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document			Name of Patentee	Date of Publication of	Pages, Columns, Lines,	
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> ( <i>if known</i> )	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	To
	ļ	<del> </del>	ļ		ļ	ļ		
	<del> </del>	<del>}</del>	<del> </del>		<del> </del>	<b> </b>	<del></del>	
	<del> </del>	<del> </del>	<del> </del>				<del></del>	<b></b> -
		1	1					
		I						
	}	1	}					

Examiner Signature	Date Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark hee if English language Translation is attached.

Approved for use through 10/31/99. OMB 0551-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE cond to a collection of information unless it contains a valid OMB control number. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of infor

Substitute for form 1449A/PTO	Complete if Known		
FITS DIALTICAL DISCLOSURE	Application Number	10/027,683	
STATEMENT BY APPLICANT	Filing Date	December 21, 2001	
STATEMENT BY APPLICANT	First Named Inventor	Edwin Charles Weldon et al.	
MAR 2 8 2007	Group Art Unit	1	
(use as many sheets as necessary)	Examiner Name		
Sheet of 2	Attorney Docket Number	AM-6180	
JEMT & TRIN		<del></del>	

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No.1	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
		C. 1. Helgesson, Ceramic-to-Metal Bonding, Boston Technical Publishers: Cambridge, MA, բբ. 7 - 21 (1906).		
1				
<del></del>				

Examiner		Date			
Signature		Considered			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.